Sigma-Aldrich

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Version 8.4 Revision Date 20.02.2025 Print Date 03.05.2025 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product	identifiers
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Product name: Chemikine™ PEDF ELISA KITProduct Number: CYT420Catalogue No.: 6KK612Brand: MilliporeREACH No.:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Biochemical research/analysis

1.3 Details of the supplier of the safety data sheet

:

Company

1.4 Emergency telephone

Emergency Phone # : +(44)-870-8200418 (CHEMTREC (GB)) +(353)-19014670 (CHEMTREC Ireland) 001-803-017-9114 (CHEMTREC India)

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

SECTION 2: Hazards identification

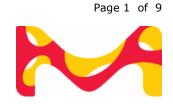
2.1	Classification of the substance or Corrosive to Metals, (Category 1)	mixture H290: May be corrosive to metals.
	Skin irritation, (Category 2)	H315: Causes skin irritation.
	Eye irritation, (Category 2)	H319: Causes serious eye irritation.
	Skin sensitization, (Category 1)	H317: May cause an allergic skin reaction.
	Long-term (chronic) aquatic hazard, (Category 2)	H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

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Pictogram	
Signal Word Hazard Statements H290 H315 H317 H319	Warning May be corrosive to metals. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
H411 Precautionary Statements P234 P261 P273 P280 P302 + P352 P305 + P351 + P338	Toxic to aquatic life with long lasting effects. Keep only in original packaging. Avoid breathing mist or vapors. Avoid release to the environment. Wear protective gloves/ eye protection/ face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none
Reduced Labeling (<= 1 Pictogram	25 ml)
Signal Word	Warning
Hazard Statements H317	May cause an allergic skin reaction.
Precautionary Statements P261 P302 + P352	Avoid breathing mist or vapors. IF ON SKIN: Wash with plenty of water.

Supplemental Hazard Statements

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

none

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

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Page 2 of 9



SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

No metal containers. Tightly closed.

Recommended storage temperature see product label.

Storage class

Storage class (TRGS 510): 8A: Combustible, corrosive hazardous materials

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

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Page 3 of 9

SECTION 14: Trans	sport informat	ion	
14.1 UN number ADR/RID: 178	9	IMDG: 1789	IATA: 1789
•	DROCHLORIC AC		
14.3 Transport ha ADR/RID: 8	zard class(es)	IMDG: 8	IATA: 8
14.4 Packaging gr ADR/RID: III	oup	IMDG: III	IATA: III
14.5 Environment ADR/RID: no	al hazards	IMDG Marine pollutant: no	IATA: no
14.6 Special preca	utions for use	r	
Further inform	nation :	No data available	
14 7 Maritimo tra	sport in bulk	according to IMO instrumer	te

14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Refer to component SDS

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit (Compo	onents:
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Kit components.			
Ms X PEDF Coated Plate	Millipore	618073	
PEDF Standard (Hu),	61600		Skin Sens. 1; Aquatic Chronic 2;
recon w/ 0.5mL DI water			H317, H411
Ms X PEDF Biotinylated	Sigma-Aldrich	61598M	
Streptavidin HRP	61599		Skin Sens. 1; H317
Standard/Sample Diluent	Millipore	60240-M	Skin Irrit. 2; Eye Irrit. 2; Skin
<i>i</i> 1			Sens. 1; Aquatic Chronic 2;
			H315, H317, H319, H411
TMB/E SUBSTRATE	Millipore	60096-M	
STOP SOLUTION	60193		Met. Corr. 1; H290
WASH BUFFER (10X)	60245		Skin Irrit. 2; Eye Irrit. 2; Skin
WASH BOTTER (10A)	00215		Sens. 1; Aquatic Chronic 2;

H315, H317, H319, H411

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Page 4 of 9



Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. -Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS -Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Classification	of	the	mixture	

Classification procedure: Calculation method

Met. Corr.1	H290	Calculation method
Skin Irrit.2	H315	Calculation method
Eye Irrit.2	H319	Calculation method
Skin Sens.1	H317	Calculation method
Aquatic Chronic2	H411	Calculation method

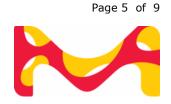
Further information

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

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Page 6 of 9



Kit Components:

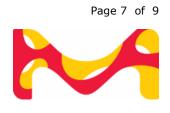
Ms X PEDF Co	ated Plate				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore -					No hazard
618073					pictogram, no
					signal word, no
					hazard
					statement(s), no
					precautionary
					statement(s)
					required.

PEDF Standard (Hu), recon w/ 0.5mL DI water						
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental	
identifier		Word	Statements	Statements	information	
61600 -		Warning	May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.	Avoid breathing dust. IF ON SKIN: Wash with plenty of water. Contaminated work clothing should not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/ attention. Avoid release to the environment. Wear protective gloves.		

Ms X PEDF Bio	Ms X PEDF Biotinylated						
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information		
Sigma-Aldrich - 61598M					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.		

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Streptavidin HRP							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental		
identifier		Word	Statements	Statements	information		
61599 -	(!)	Warning	May cause an allergic skin reaction.	Avoid breathing mist or vapors. IF ON SKIN: Wash with plenty of water. Contaminated work clothing should not be allowed out of the workplace. If skin irritation or rash occurs: Get medical advice/ attention. Wear protective gloves. Take off contaminated clothing and wash it before reuse.			

Standard/Sample Diluent					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore -		Warning	Causes skin	Avoid breathing	
60240-M			irritation.	mist or vapors.	
	3K		May cause an	IF ON SKIN:	
	1		allergic skin	Wash with	
	▼		reaction.	plenty of water.	
			Causes serious	Wash skin	
			eye irritation.	thoroughly after	
			Toxic to aquatic	handling. IF IN	
			life with long	EYES: Rinse	
			lasting effects.	cautiously with	
				water for	
				several minutes.	
				Remove contact	
				lenses, if	
				present and	
				easy to do. Continue	
				rinsing. Avoid	
				release to the	
				environment.	
				Wear protective	
				gloves/ eye	
				protection/ face	
				protection.	
				protection.	

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Page 8 of 9

TMB/E SUBSTRATE					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Millipore -					No hazard
60096-M					pictogram, no signal word, no hazard statement(s), no precautionary
					statement(s) required.

STOP SOLUTION					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
60193 -	E Contraction of the contraction	Warning	May be corrosive to metals.	Keep only in original packaging. Absorb spillage to prevent material damage.	

WASH BUFFEF	R (10X)				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
60245 -		Warning	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.	Avoid breathing mist or vapors. IF ON SKIN: Wash with plenty of water. Wash skin thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment. Wear protective gloves/ eye protection/ face protection.	

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Page 9 of 9